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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: MICHEAL L. GRUENBERG

Serial No.: 08/700,565

Filed: July 25, 1996

For: AUTOLOGOUS IMMUNE CELL
THERAPY: CELL COMPOSITIONS,
METHODS AND APPLICATIONS TO
TREATMENT OF HUMAN DISEASE

Art Unit: formerly 1816

Examiner: Schwadron, R

I hereby certify that this paper and the attached
papers are being deposited with the United States
Postal Service as first class mail in an envelope
addressed to:Assistant Commissioner for Patents
Washington, D.C. 20231, on this date.

07/05/00

Date

Stephanie Seidman

#24F 7/22/00
T. Gray

AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Responsive to the Office Action, mailed January 4, 2000, please amend
the above-captioned application as follows:

IN THE CLAIMS:

Please add claims 211-217 as follows:

Sub H1
F
— 211. A method for generating immune cells for autologous cellular
immunotherapy, comprising:

collecting leukocyte containing material from a mammal;

differentiating the leukocytes into Th1 or Th2 cells;

and

exposing the leukocyte containing material to mitogenic monoclonal
antibodies to induce *in vitro* cell proliferation sufficient for infusion into the
mammal for use in an immunotherapy treatment, wherein the *in vitro* cell
proliferation is produced without the use of exogenous interleukin-2.—

— 212. The method of claim 211, wherein at least 10^{10} cells are
produced.—

— 213. The method of claim 211, wherein the cells are at a density
of 1×10^8 cells/ml.—